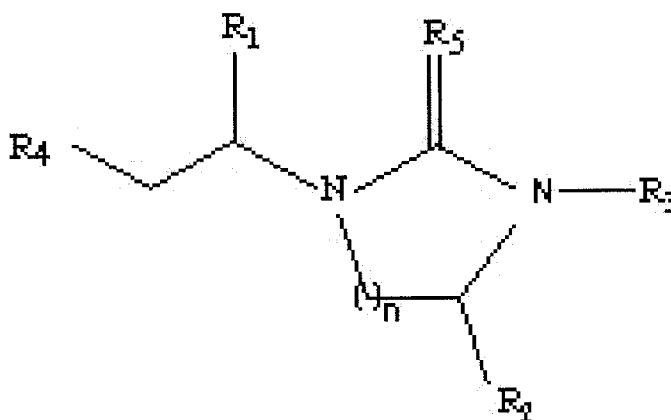


**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A composition of matter comprising a compound having the following structural formula:



wherein,

R<sub>1</sub> and R<sub>2</sub> are selected from H, a hydrocarbyl having up to 20 carbon atoms, and a hydrocarbyl having up to 20 carbon atoms and substituted with a group selected from hydroxy, alkoxy, amino, substituted amino, thio, alkylthio, guanidino, ureido and heterocyclyl;

R<sub>3</sub> is selected from a hydrocarbyl having up to 20 carbon atoms, and a hydrocarbyl having up to 20 carbon atoms and substituted with a group selected from halo, haloalkyl, hydroxy, alkyl, alkoxy, alkylendioxy, amino, substituted amino, aminoalkyl, thio, alkylthio, guanidino, ureido, heterocyclyl, heteroaryl, and heteroarylthio;

R<sub>4</sub> is a substituted amino, -NR<sub>6</sub>R<sub>7</sub>, wherein R<sub>6</sub> and R<sub>7</sub> are selected from H and a hydrocarbyl having up to 20 carbon atoms; R<sub>6</sub> and R<sub>7</sub>, with inclusion of N, may combine to form a heterocyclic ring such as indolynyl having the formula



R<sub>5</sub> is selected from O, S, NH, N-alkyl, N-alkenyl, N-alkynyl, N-cycloalkyl, N-aryl and N-aralkyl,  
and

n is 1 to 3; and

wherein the composition is further characterized by at least one additional limitation selected from the group consisting of:

one or more methylene groups of a hydrocarbonyl group of R<sub>3</sub> being replaced by an oxygen atom;

R<sub>1</sub> being selected from alkyl and aminoalkyl;

R<sub>1</sub> being selected from (S)-Methyl, (R)-Methyl or (S)-Propyl;

R<sub>1</sub> being (S)-Aminopropyl;

R<sub>2</sub> being selected from (R)-Aminomethyl-(imino)-propyl, (S)-Aminomethyl-(imino)-propyl or (S)-Methylthiomethyl;

R<sub>3</sub> being selected from alkyl, aralkyl or substituted aralkyl;

R<sub>3</sub> being 3-bromophenethyl;

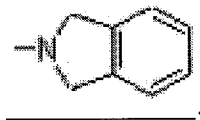
R<sub>3</sub> being 3,5 bis-(trifluoromethyl)phenethyl;

R<sub>4</sub> being aralkylamino;

R<sub>4</sub> being benzylamino;

R<sub>6</sub> and R<sub>7</sub> with inclusion of n, being heterocyclyl; and

-NR<sub>6</sub>R<sub>7</sub> being isoindolyl having the formula



2. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a straight chain hydrocarbyl.

3. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a branched chain hydrocarbyl.

4. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a saturated hydrocarbyl.

5. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises an unsaturated hydrocarbyl.

6. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a cyclic hydrocarbyl.

7. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises an acyclic hydrocarbyl.

8. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a chiral hydrocarbyl.

9. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises an achiral hydrocarbyl.

10. A composition according to claim 1, wherein R1, R2, R3, R6 or R7 comprises a substituted hydrocarbyl.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

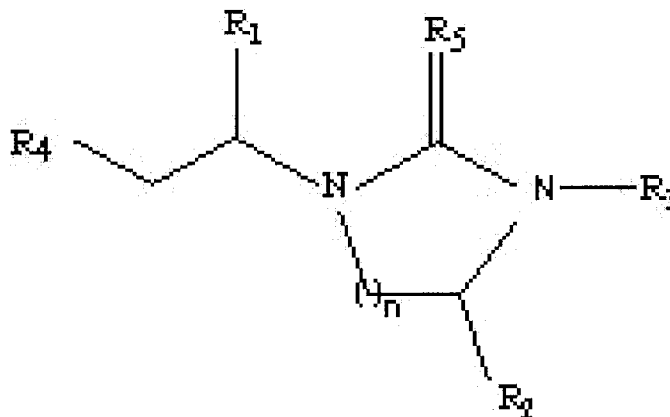
23. (Cancelled)

24. (Cancelled)

25. (Withdrawn) The use of a composition according to any of claims 1-22 in the manufacture of preparation for administration to a human or animal subject to block or antagonize MCH receptors or to decrease food intake or to treat obesity, a metabolic disorder, an eating disorder, depression or urinary incontinence.

26. (Withdrawn) A method for a) blocking or antagonizing MCH receptors or b) decreasing food intake or c) treating obesity, a metabolic disorder, an eating disorder, depression or urinary incontinence, said method comprising the step of:

administering to the individual an effective amount of a composition that comprises a compound having the following structural formula:



wherein,

R<sub>1</sub> and R<sub>2</sub> are selected from H, a hydrocarbyl having up to 20 carbon atoms, and a hydrocarbyl having up to 20 carbon atoms and substituted with a group selected from hydroxy, alkoxy, amino, substituted amino, thio, alkylthio, guanidino, ureido and heterocyclyl;

R<sub>3</sub> is selected from a hydrocarbyl having up to 20 carbon atoms, and a hydrocarbyl having up to 20 carbon atoms and substituted with a group selected from halo, haloalkyl, hydroxy, alkyl, alkoxy, alkylenedioxy, amino, substituted amino, aminoalkyl, thio, alkylthio, guanidino, ureido, heterocyclyl, heteroaryl, and heteroarylthio;

R<sub>4</sub> is a substituted amino, -NR<sub>6</sub>R<sub>7</sub>, wherein R<sub>6</sub> and R<sub>7</sub> are selected from H and a hydrocarbyl having up to 20 carbon atoms; R<sub>6</sub> and R<sub>7</sub>, with inclusion of N, may combine to form a heterocyclic ring such as indolynyl, having the formula



R<sub>5</sub> is selected from O, S, NH, N-alkyl, N-alkenyl, N-alkynyl, N-cycloalkyl, N-aryl and N-aralkyl, and

n is 1 to 3.

27. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a straight chain hydrocarbyl.

28. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a branched chain hydrocarbyl.

29. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a saturated hydrocarbyl.

30. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises an unsaturated hydrocarbyl.

31. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a cyclic hydrocarbyl.

32. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises an acyclic hydrocarbyl.

33. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a chiral hydrocarbyl.

34. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises an achiral hydrocarbyl.

35. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>6</sub> or R<sub>7</sub> comprises a substituted hydrocarbyl.

36. (Withdrawn) A method according to claim 26, wherein one or more methylene groups of a hydrocarbyl group of R<sub>3</sub> is replaced by an oxygen atom.

37. (Withdrawn) A method according to claim 26, wherein R<sub>1</sub> is selected from alkyl and aminoalkyl.

38. (Withdrawn) A method according to claim 26, where R<sub>1</sub> is (S)-Methyl, (R)-Methyl or (S)-Propyl.

39. (Withdrawn) A method according to claim 26, where R<sub>1</sub> is (S)-Aminopropyl.

40. (Withdrawn) A method according to claim 26, wherein R<sub>2</sub> is selected from (R)-Aminomethyl-(imino)-propyl, (S)-Aminomethyl-(imino)-propyl or (S)-Methylthiomethyl.

41. (Withdrawn) A method according to claim 26, wherein R<sub>3</sub> is alkyl, aralkyl or substituted aralkyl.

42. (Withdrawn) A method according to claim 26, wherein R<sub>3</sub> is 3-bromophenethyl.
43. (Withdrawn) A method according to claim 26, wherein R<sub>3</sub> is 3,5 bis-(trifluoromethyl)phenethyl.
44. (Withdrawn) A method according to claim 26, wherein R<sub>4</sub> is aralkylamino.
45. (Withdrawn) A method according to claim 26, wherein R<sub>4</sub> is benzylamino
46. (Withdrawn) A method according to claim 26 (previously claim 24), wherein r<sub>6</sub> and r<sub>7</sub> with inclusion of n, is heterocyclyl.
47. (Withdrawn) A method according to claim 26 (previously claim 24), wherein -nr<sub>6</sub>r<sub>7</sub> is isoindoliny having the formula
48. (Withdrawn) A method according to claim 26, wherein R<sub>5</sub> is S.
49. (Withdrawn) A method according to claim 26, wherein R<sub>5</sub> is O.